

Survival is the only moral goal of life

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Abstract

What morals are required for survival and life? The principles of science are applied to the nature of society and religion. The measure of moral systems is suggested to be their survival ability. The data are the natural life of animals and plants and the history of human societies. The result is a view of nature and a set of morals that are very different from current thought. We are again facing a crisis. What must we change to survive?

Human societies have many different moral systems. Each claims to have the ultimate moral structure in competition with the others. Yet, history has had many other moralities that have become extinct. Each of the modern systems has evolved from prior systems. Moral systems seem subject to natural evolutionary selection.

The priest and the philosopher are engaged in determining the morals and structure of a society that produce survival. The current testing of social morals is largely by trial-and-error. That is, the test related to natural evolutionary selection is lacking. Failure results in war, wholesale collapse, and death.

Why do scientific societies win, survive, and grow? Science ultimately judges models on results not their elegance or intention.

Science theoretically is tolerant of many models. The key decider between scientific models is the ability to predict observations. Prediction allows creation of survival tools that are also tools of conquering others. The model is true only to the extent of how far into the future the predictions are valid. Unfortunately, many of the postulates our society uses have already been proven false. Yet, the postulates continue to be used.

Another key idea of scientific pursuits is that observations are required to be reproducible. Reproducibility requires the ability to measure results that others may observe. Both of these concepts are not currently applied to social ideas.

Ayn Rand in her book *The Virtue of selfishness*, 1964 edition said: "I quote from Galt's speech[*Atlas Shrugged*, 1957]: 'there is only one fundamental alternative in the universe: existence or nonexistence ... It is only the concept of 'life' that makes the concept of 'value' possible. What standard determines what is proper in this context? The standard is the organism's life, or: that

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which is required for the organism's survival.' ” This quote suggests the value of science, philosophy, and religion is the ability of followers to obtain survival. Rand (an atheist) suggests in *Atlas Shrugged* and in *The Virtue of selfishness* that the Objectivist philosophy provides greater survival ability.

The theme of *Atlas Shrugged* is of a producer (John Galt) struggling with a collectivist society that takes resources from him by force of guns. Those resources are redistributed to non-producers and to the politicians in the name of altruism. Resources were spent on tasks that failed to contribute to survival. The society collapsed because the innovators and industrialists disappeared (went on strike, left the collective, or joined the welfare class). Atlas, the supporter (the producers) of the world, shrugged (left). This has been called “going Galt”.

Rand appears to have achieved a cause-and-effect model that suggests the future of a collectivist society. The model predicted the crisis we are witnessing in Europe and in the US. Perhaps this is the reason the Objectivist philosophy and *Atlas Shrugged* is becoming more popular. The sales increase has been attributed to the uncanny similarities between the plot line of the book and the events of our day. However, the model fails to suggest how the problems are to be solved other than a total collapse caused by nature followed by a restart. Human history and the natural world support this.

When Galileo was born, Catholic Europe had been tolerant and trading with Muslim countries for several popes. The trial of Galileo was a result of a change to intolerance. The result of the trial was that other scientists voted with their feet and moved to the tolerant north. The same occurred when producers moved to the new world and when scientists left Nazi Germany. Greece today is noting the brain drain of producers to Germany.

How did we get into this crisis? The Civil War was a result of the South wanting Northern states to return fleeing slaves. A few people in the Northern states were attempting to impose their views on the South. Both groups appealed to the federal government to enforce their intolerant views. The 1950s and 1960's saw the trend toward big federal programs yield improvement in peoples lives. “Big” in biology and corporate America has efficiency advantages. This improvement trend reversed in the 1990s and 2000s while federal programs continued to increased. Politicians and the electorate viewed the normal, short term, economic downturn and stagnation of improvement as a crisis. What started as a few small disturbances was allowed to accumulate into a major pressure. The major pressure must eventually release into a catastrophe. Politicians invariably respond to crises by spawning new government programs, laws, and regulations. These, in turn, generate more havoc, poverty, and intolerance, which inspire the politicians to create more programs. The downward spiral repeats itself until the productive sectors of the economy collapse under the collective weight of taxes, regulation, and other burdens imposed in the quest for fairness, equality, and altruism. This results in a quest for similar beliefs and morals that becomes intolerant of other views that includes regulation of what views must be accepted such as anti-discrimination regulation. That is, the tolerance of allowing individuals to decide their morals and reap the result

is reduced. This is the Tragedy of Tolerance of choice. Nature favors diversity for selection.

The problem is that the federal government rather than the states become subject to nature's rules. If the federal government enacts regulations inconsistent with nature's rules, all suffer.

Hold on a minute. Current family values suggest a sickly child should be supported, for example. Technology a hundred years ago did not support the option of keeping the child alive. These are the same values the liberal left wants for their collective. Rand argued against both the liberal left and the conservative right.

However, the family as a unit has survived for a long time. Is this a paradox? The family unit survived during a time when nature solved the problem of the sickly child. Technology changed that. Further, many societies had a moral code which "exposed" (killed) the weak or unsupportable child. Others that had reached a population limit left the family heritage to the oldest while ostracizing the younger. Our society must solve the problem or nature will select against our society and most of us.

The problem is not that poverty, over population, etc. must be addressed. The problem is that the electorate elects those that make them feel good and those that support their intolerant views rather than those that understand (predict the outcome of actions) the problem. Trying to save the non-producers spawns a greater percentage of non-producers. The politicians' interest is to be elected. Their interest becomes to cater to the increasing number of non-producers. Businesses are investing in offshore plants and moving from states such as California to states such as Texas. Investment money moves easier than people. All who are left behind are soon sacrificed.

The development of a society starts with the shared need by diverse groups to meet external pressures trying to kill them. The groups were formed by expansion or by a major catastrophe such as famine and war. The new confederacy requires tolerance of diverse views.

Wealth for Objectivists is a creation of the producers. The successful individuals have won in a natural environment where survival or death is the outcome (the "leaders") which excludes politicians. Therefore, they are deemed best qualified to distribute the wealth for the survival of the group. Therefore, the producers and leaders are left to value and direct the use of their products. Thus, successful individuals are left to reap the gains of their actions. However, individuals must also reap the losses. The Objectivists seem silent about the example of a baby born sickly and the need for a military. Why should the weak or those on welfare be kept alive?

The leaders' actions are often in conflict with the values necessary for the followers to form the cohesive and organized group. The leaders find they must protect the more numerous followers from nature's selection process. The military's job is to kill others. This is in conflict with a group's cohesion. This is why military bases are segregated from the population.

The individuals may become rich by overuse or misuse of the common re-

sources¹ (the “commons”) of a society such as rivers and air. This injures the society. Because the cost to society of commons use is miscounted, the method to determine the qualifications for leadership produces false results. For example, the industrialist who dumps waste into a river ruins the water downstream. The Objectivists society results in the “Tragedy of the Commons”. Regulations are introduced to reduce the Tragedy of the Commons. The regulations should at least charge the use or misuse of the commons to those who profit. Then judge the qualifications for leadership. However, because regulations from the group often exceed the minimum requirement, over regulation harms the society. Regulations based on follower group morals encourage a collective mentality.

Wealth for Collectivist is a fixed pool and is part of the “commons”. Wealth is achieved by producers but must be “fairly” divided according to family values. The people who decide on the distribution must be political rather than a wealth creator. This introduces family values and a need for “fairness”. The demand for fairness is really a demand for special privilege from nature’s judgment at someone else’s expense. Those people and businesses needing special privilege are those that have failed the survival test. The concept of “fairness” is a concept of the Collectivists. The leaders and producers² are seen as taking more from the fixed pool than they need. That is, the leaders and producers in the Collectivists view must have done something wrong to accumulate a larger share of the fixed wealth. The Collectivist views the action of the producers as the root cause of the need for regulation. Therefore, the leaders and producers are the oppressors and the others are the victims. Because wealth can direct power, the “fair” distribution must be accomplished by regulation and by force. Regulations tend to treat all in a similar moral manner. This Tragedy of Tolerance results in the internal collapse of the society.

The cycle of catastrophe, Tragedy of the Commons, Tragedy of Tolerance, and catastrophe in a changing environment must be stopped if human kind is to advance. The problem is that some balance between the Collectivist and the Objectivists must be achieved.

Consider the social organization as another form of a species. The rules of natural selection and extinction must be obeyed. Goals that are inconsistent with survival or that are wasteful of resources cause the extinction of a social organizational concept.

A scientific Theory of Everything should include more than the physics of cosmology and quantum mechanics. “Everything” in human experience and survival should also include the organization of the interaction of individuals. Such a model was suggested in the Scalar Theory of Everything (STOE)³.

This paper presents a framework to judge the survival potential of moral sys-

¹Entities that are not of advantage to human life such as swamps, mountains, and endangered species are not resources.

²The rich includes the producers and non-producers. Non-producers are those gaining wealth through bailouts, government support, “fairness” arguments, and “tragedy of the commons” actions.

³Hodge, J.C., *Theory of Everything: Scalar Potential Model of the big and the small* (ISBN 9781469987361, available through Amazon.com, 2012).

tems. The STOE principles are applied to the moral responses for the problem of survival. The STOE principles are the Reality Principle, the Change Principle, the Competition Principle, the Limited Resources Principle, the Anthropic Principle, the Negative Feedback Principle, and the Fractal Principle.

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1 The purpose of life is life

Who are you? How will you survive the next 1000 years?

An Individual is a Life Spirit that is the unit of action within a larger Individual Spirit. An Individual can exist in its environment within the time the strength of the Spirit allows. A child is an Individual only because of the Hope for future contribution. Except where energy is the only component, each larger Individual has components that consist of other component Individuals of a different type and energy. The component Individual Spirits of a larger Individual are interdependent to the degree that a failure of a component causes the self-destruction of the Individual. An Individual can act on other parts of the environment to a greater degree than the sum of the components. For the larger Individual to continue the components can Compete and Change and they are not acting destructively toward each other. Businesses in the U. S. Compete and the weak businesses are Disintegrated.

The current relationship of the U.S. and Japan is not an Individual. The U. S. provides a defensive umbrella for Japan. Japan produces products less expensively because of the lower military cost. In the end, this relationship will cause the U. S. to self-destruct. Japan must pay the cost or the U. S. must withdraw the defense.

A person on welfare is not an Individual and not an Individual component of the U.S. Individual. Welfare is received from the exploitation (taxation) of producers. Because the Resource return to producers is minimal, this taxation is a type of Murder of the producer.

Such understanding to predict in scientific terms is in a very primitive state. What should we tally? What should we measure against what standard? Tallying the number of people has been shown to be a false measure of survival. Consider the societies that increased their numbers during times of plenty, only

to have the society as a whole crash when a lean period arrived. How do we determine what is good and bad? The rise of Greece, the Chin dynasty, Rome, Briton, and the US was done with brutality and violence. Authoritarian and brutal Sparta survived longer than democratic Athens.

Science uses theories that are tested by measurement of observations and experiments. The goals of science are Understanding and Wisdom. To Understand is to predict experimental outcomes and events. To have Wisdom is to be able to cause experimental outcomes and events. Prediction is the measure of the correctness of a scientific model.

Philosophy and religion are concerned with “truths” that are considered morally “good”. However, the differentiating feature between philosophy and science is that the “truths” have no known concrete test that can decide between rival philosophies. As soon as such a test is devised, the thought becomes a theory of science.

What is proposed herein is that the test of correctness of religious and philosophical concepts is measured in the years of survival of the people practicing the concepts. Conversely, the thriving people and groups are practicing the better religious concepts. The test is in the practice and not in the ideals.

History has shown societies fail because of loosing a war with another society or by internal decay and collapse. War has been the only method to determine which moral and political systems are better. Truly, when war erupts between two societies, the Gods of each society are Competing. The impending peril of life today is that man’s society has developed weapons powerful enough to destroy all. This can be good news because the scope of the weapons has usually preceded the development of larger organizations and population support capability. Technology helps survival.

Another possible peril is that the sizes of governing bodies and the size of populations are too large for the morals or for the food production capability. Such systems collapse under their own weight by internal disorder. Only a major revolution in the governing and religious codes can avoid a major cataclysm. The kind of morality in the U.S. today is failing the test.

History also shows us that an organization without Competition falls to internal disorder and internal war. A world organization of humanity must allow the necessary Competition without war and must have a means to match the population with the food supply. The Way suggests the models on which to organize humanity are present today. The present governing systems and moralities appear to have reached their limits. The life Spirit requires a new morality and governing system to progress to the next step. The new morality must cause Change that will result in abolishing war. The universe is changing. The Spirit that Changes the universe of physics also Changes the universe of the Spirit.

The Fundamental Principles of life, social structures, and physics are the same.

Basis of morality

Survival is not preordained. Humanity's philosophy and morals have not solved the survival problem for either Individuals or our species. Of all species known to have lived, less than one percent still survives. Nature is against us.

Survival is a difficult goal to achieve. If it is a simple goal, why hasn't it been achieved? Why haven't philosophers agreed? Why is there disagreement on how to survive? Why isn't there only one religion?

If there is an underling moral of nature, it is to survive. Morals in conformity to nature help their observers' survive. The morals that allow survival are not to be made by humans. Rather, they are to be discovered by humans.

The test of any moral proposition is "does it aid or hinder survival?" If it does not aid survival, then it hinders survival because it consumes Resources.

Knowledge, mind and brain

Biological life is an extension of the chemical world via the chemical DNA. This adaptation allowed faster Change and better use of Resources than the chemicals could do on their own. Animals in societies are also a continuation of the limits DNA imposes. Fewer genes are required to meet the challenge of a wider range of environments. Instinctive or DNA Changes to do this would be of unimaginably greater complexity than currently exists. Thus, group organization is the next step in a long chain of increasing life Spirit.

A mind is group of cells in a brain arranged in a particular order. Modify the order and the mind is modified. The mind is a Spirit, an arrangement of relationships.

Feelings, sensations, and perceptions are more than just the brain. All involve the release of chemicals and Change in the Spirit of the whole body. Therefore, we are made of 2 distinct elements - body and relationships. The body, through chemicals, atoms, and particles, is ultimately energy. The relationship among chemicals and energy is Spirit.

Life is a combination of energy and Spirit. Spirit is the relationship between energy and energy. As energy combines with even more complex Spirits, more Spirit and more life are created.

Therefore, knowledge in the mind is a vague term to describe particular arrangements. At best, knowledge is true in the sense that action taken based on a particular knowledge produces survival. However, actions in a particular environment can have different outcomes in other environments. The knowledge of one may differ from the knowledge of another.

The concept of knowledge seems to have little practical use. This chapter is to use concepts of Truth and Understanding rather than knowledge.

Hypothesizing beyond this seems to have no survival enhancing value.

Universe beyond our minds

If nothing really exists or if the universe is destined to end, then there is no point to survival. However, if there is any point, we must try. Therefore, those without the goal of survival will not survive and their ideas are meaningless.

If a group is allowed to achieve any goal it desires, survival is necessary to achieve any other goal. Whether a second goal can be allowed by nature is uncertain and is doubtful.

If humanity, in our egotism or philosophy, decides that ending life is the moral policy, the universe will continue. Less than one nanosecond after humanity commits suicide, the heroic sacrifice will be meaningless and unknown. Pascal's retorted to the cosmos "*When the universe has crushed him, man will still be nobler than that which kills him, because he knows that he is dying, and of its victory the universe knows nothing*" (Pascal, Pensees, No. 347). This is sheer nonsense. Man would die and be nothing. The Universe would survive.

Nature of death

Death is an adaptation of life to develop and gain strength. The members of the mineral world are very long lived. This means that Change occurs over millions if not billions of years. Life's adaptation of death allows Change to occur much faster. Death, therefore, helps life meet nature's conditions better than everlasting life for an Individual.

That species or Individuals die is neither tragic nor immoral. The death or crippling of a child may be shocking to human sensibilities. So humans think the laws of nature are villainous. However, nature is neither good nor bad. Nature merely is. Nature does not need to follow mere human ideas of morality. Change will occur. That species die is part of the increase of the life Spirit of all life. As the death (selection) of Individuals helps make room and strengthen the Spirit of groups and species, the continued modification of and death of species strengthens life.

What can be the goal of an Individual or a group if its destiny is to die and be replaced? The basic argument for a supreme being (God) is that only a being of superabundant Wisdom and Resources could have the leisure and humor to create people and set them on the path of becoming Gods. The goal is to be one more step along a very long path.

Life must follow nature's rules if it is to continue to exist. This applies to the big such as the dinosaur and to the beautiful such as the passenger pigeon.

Nature's rules are at least very difficult for us to know. They may be unknowable. Current physics holds that the early seconds of the universe had very different forces than now. As new organizations of societies are created, new rules of behavior are created. Therefore, nature's rules are constantly Changing.

Meaning of life

Life and all the alleged political rights people have claimed for themselves are not options for us. Life itself is not an option. Life has to strive for life. Life costs energy. Death is the only option.

Nature has neither read nor endorsed the American Declaration of Independence, nor the French Declaration of the Rights of Man. We are born unequal and confined. As civilization grows, inequality also grows. Nature smiles on the process of selection from diversity.

Current physics holds that the earth, the solar system, and the universe must eventually die. The only questions preoccupying physicists are when and how the universe will end. Human's nobler goal should be to identify that path of Spiritual development leading to a Spirit that outlives the universe.

This message is the exhilarating imperative to live. The only question is how?

Free will and problem solving

Homo sapiens is just one species among many that have evolved and survived until now. There are other species that have survived longer and, therefore, are more worthy. The study (man's method of survival) of the methods of these more worthy species can offer insights about the nature of nature and about the moral methods we may use.

The study of survival methods yields human ideas of morals, philosophy and religion. If any conclusion can be drawn from human history, it is that the developments of some of human views of morality of grace, of beauty, of faith, of good deeds, etc. do not yield survival. Sometimes immoral behavior of war, of unfairness, of Change, etc. yield survival. There are only a few concepts that have survival value. Homo sapiens must act consistent with such concepts to survive. These concepts are called the 7 Great Ideas. The pursuit of all the Great Ideas will yield conflicts between them. Therefore, the pursuit must also balance the effort among them.

There are many methods recognized as methods to solve problems. The study or formal approach so cherished by homo sapiens is only one means of solving relatively low complexity, slow changing problems. So homo sapiens have slowly found some Truths. These helped him reduce the complexity of problems and so yield the survival problem up to formalistic approaches.

People can plan only to the limit of their forecast ability, of their Understanding. Beyond that limit, all species approach the survival problem by trial-and-error. So homo sapiens establish morals and religions. Some survive, most die. Mystically, the greater glory of God is discovered.

Humans cope by determining the horizon of forecast ability, and should plan within this horizon. Should a plan require a time longer than their forecasting ability (Understanding), they are really using an experimental method and run the risk of failure through unforeseen causes. Consider the economic and political crises afflicting the U.S. and the world during the past centuries. All have

Table 1: Methods of problem solving used by humans.

Complexity	Rate of change		
	slow		fast
high	Experimental	Analogy	Serendipity
	Focus	Representation	Synergy
low	Formal	Piecemeal	Parallelism

taken us unaware. World War II could have been prevented had the ending of World War I been approached with more Wisdom.

A problem is complex when the time over which the problem is to be solved is longer than the forecast ability. As the process of Change becomes better understood, predictability improves.

The problem of survival is a slow rate of Change problem. Sometimes homo sapiens has seen the problem with a simple viewpoint in a fast changing environment and attempted to use analogous, synergistic, or serendipitous approaches. Such was Nazi German's approach. Nature would have none of this.

The problem of survival is highly complex. There are many methods to help solve the survival problem. Care must be exercised to remain within the limit of use of any partial solution.

Species have used a natural selection approach as Darwin noted. A high rate of Change can occur when a new species is introduced into an otherwise stable ecosystem. Homo sapiens have attempted to reduce the complexity of the problem faced by life by creating models and morals.

Study is man's way but is not nature's way. For instance, termites have been building perfect arches much longer than humans. Termites use a method of construction that works. Even the mineral world has been building arches longer than humans. Study and logical thought are only one of several methods nature does not prohibit (as opposed to allow). Study succeeds for humans because the Understanding of basic principles allows humans to Change faster than termites or minerals.

The survival problem is very complex and of long-standing existence with a slow rate of Change. Like humans building of the arch, or his approach to the movement of the planets, the reduction of complexity requires redefinition of terms, new perspectives, and an increase in the type of problems that can be simplistically assembled together. A redefinition of a problem often includes the solution and points the way to opportunity.

A group establishes its morals and philosophy. It then Competes with other groups. Thus, the Spirit of humanity wins by experimentally solving the problem of survival.

As human Understanding and Wisdom improves, his survival problem is extended in time. Man is slowly rising from the dust (mineral) to what he calls his God.

Free will is merely the choices Individuals make in the heuristic approach to problem solving. Biology allows apparently random Changes in DNA and then allows the Justice and Mercy of nature to select for or against the Change. Nature has allowed this because it does imply progress toward a greater life Spirit.

Life requires energy. Life cannot survive without energy. Because life takes energy and creates its own order, it causes the universe to run down faster according to the current cosmology paradigm. Life is a parasite on the universe.

A paradox is that as life advances it must become a more efficient user of Resources.

Life must be active. It must Change and Compete. Without activity, life can wait only for death. Nothing lives outside death.

Life is not a collection of static substances, mechanisms or patterns. Life is always in the process of emerging, of becoming. Even things we've regarded as mineral or inorganic are not static substances. Energy is the only unchanging thing in the universe.

Einstein emphasized the necessity of the time dimension in the physics of the mineral universe. Life's Spirit must also have the time dimension as part of its being. Life is at every instant in the process of having been, of being, and of becoming.

The species and Individuals alive today evolved from previous life. Current thought holds that all life evolved from matter and that matter evolved from energy. Did energy evolve from nothing?

Part of growing is to Change. Change is hard. The loss of a parent or one who has helped you is a Change, not a loss of Love. Change and losses are part of life, part of growing. Those Individuals who cannot overcome a loss or Change cannot grow or survive.

Humanists and philosophers see the loss of a group identity as akin to a loss of sanity. The Individual in the Competition-Change system has not progressed. Likewise, the submission-dominance system is only part of the Competition-Change balance.

An Individual must be one with life and be part of the life. The "ideal state", the feeling of living in a state of oneness with your mothers, your religion, your God, the universe is part of Change-Competition.

The "I'm in the milk and the milk is in me" analogy is known to lovers in sex (not Love) with each other, saints, psychotics, druggies, and infants. It is called bliss. I think it no mistake that some of the people in bliss are very low on the life scale (infants, druggies, psychotics, lovers seeking procreation). The longing for union is a longing to return, not to progress.

Life progression is the becoming of an Individual Spirit. Adam and Eve were the infants who by their own act chose to leave Eden. God arranged it thus. God spent considerable effort to plant the apple tree, to tell Adam and Eve of this, and to both forbid and entice them. He didn't have to tell them of the benefits. So they could feel guilt and know there was no return - a prime requirement for growth. Therefore, Eden can be regarded not as connoting paradise but as

connoting irresponsible dependence. Eden symbolizes a life Spirit incapable of survival.

The loss of paradise and dependence can be suffered positively if the life force (Spirit) itself initiates the Change. To be thrown out before one is ready is to be permanently in an environment where the Spirit's survival mechanism doesn't function. Thus, the Spirit has a permanent psychosis. The cure is to go back and begin again. Such restarting is common in species, Individuals, and groups. The progress of Rome was halted and the dark ages followed.

The progress of a life Spirit demands that the Individual leave the sameness and progress to a union with different Individuals. Electrons and protons united to form the atom Spirit. First an electron must be an electron and a proton must be a proton.

Maslow (*"Motivation and Personality"*, Abraham H. Maslow, New York, Harper and Row 1954) defined a set of needs that form in a hierarchy. When a lower need is satisfied, a stress for a higher need predominates in an Individual's concern. If a higher need is not satisfied, frustrating stress occurs. This frustration is likely to endanger the Individual's survival in a last effort to gain satisfaction.

The bottom two needs (physiological and security) of Maslow's need hierarchy are easily seen to be directly survival oriented. The survival orientation of social affiliation and self-esteem are less clearly related to survival. The difference is one of time orientation. The lower two needs affect survival for the extent of months. The latter two needs effect survival from months to decades. The highest need, for self-actualization, may require generations to effect the survival of a group. The need to increase the likelihood of survival for longer time is the driving force to the higher stages of Maslow's hierarchy.

The group's need for survival over generations has been internalized into the Individual's need for self-actualization. Those groups whose Individuals did not satisfy the group's long term interest became less able to Compete.

The length of time over which a set of needs is satisfied is defined as "survival horizon". This definition also includes the set of actions that Individuals or groups use to obtain survival. The set of actions or morals of the group in relation to its resulting survival horizon depends on the Competition. Nazi Germany might well have had a longer survival horizon if its Competitors were tribes or feudal states as the Europeans found in Africa two centuries ago.

As Maslow's needs are related to the survival horizon, so is the survival horizon related to Individual's needs. Thus, if an Individual's need is self-esteem, he need only begin to live his life with concern for the effect of each decision of each moment on his well being for the next few years.

Increasing the survival horizon is not as easy as it sounds. The Individual must live each moment with an Understanding of the results of his every action. He must Understand the reactions of others. Note the stress on "each moment" rather than on long term plans. Knowledge of the interaction of conflicting relations (Spirits) is required to Understand reactions. The Individual must know his place in his environment. An Understanding of the Spirit of an environment is mostly unknowable.

Beyond Understanding and self-actualization there is a Godlike need to create. Creation requires the Individual Spirit must not only have Understanding but also have Hope and goals, and the Wisdom to Change the Spiritual interactions.

The turnaround or crisis manager in the business management world has a reputation for rapid action. If this were his only requirement, competent crisis managers would be more common. This survival manager must also have an uncommon Understanding of the likely outcome of decisions.

What an Individual of a Spirit group does in life has a continuing impact on the Spirit of the group life. Individuals need not appear in the history books nor engage in world-shaking enterprises. Each Individual lives in the Spirit as the Individual contributes to the Spirit.

Living adds to greater Spirituality. Upon the death of the Individual, the ability of that Individual to add to the group's Spirit ends. Dying ends the contribution the Spirit the Individual has made. The Spirit of romantic Love of Tristan and Isolde is gained in life and fixed, never to Change after death. What would have happened had the lovers lived? Their Love would have Changed. Therefore, Wagner had them die at the moment they reached their highest Spirituality. The idea of gaining Spirituality in death is not convincing. Through living Love, parts of a Spirit give to the greater survival horizon of the group. Thus, living increases a Spirit's strength.

Who you are is not the Individual now. Tomorrow that Individual will learn and Change. Rather, who you are is what process you have chosen to continue and to advance. This is how you survive for 1000 years.

REALITY

TOO LATE to care about the past
 TOO LATE to flee the present
 TOO LATE to change our sympathies
 TOO LATE to live

TODAY we help the spirit we love
 TODAY we hurt the spirit we hate
 TODAY we change fate
 TODAY we fight and die

TOMARROW the spirits that strengthen are good
 TOMARROW the spirits that weaken are bad
 TOMARROW the spirits' changes judges our life
 TOMARROW the spirits will not care about us

OUR PROGENY must remember
 OUR PROGENY must change
 OUR PROGENY must struggle
 OUR PROGENY may survive

2 The nature of nature

Nature is an unfolding of events over time instead of a being or a Spirit. This viewpoint leaves little to react against, little to alter, and little to worship.

All entities are subject to a set of rules imposed by nature. What these rules are is still a subject of debate. However, violation of these rules results in non-survival. The force imposing the rules is irresistible.

Societies are made of people. People are made of chemicals. Chemicals are made of atoms. Atoms are made of protons, electrons, and neutrons. These particles are made of quarks. Perhaps, with greater energy equipment, the quarks will be found to be made of sub-quarks. But the pattern is the same. Sub-particles are energy and are "glued" together by energy. Democritus used food analogies to conclude there must be one type of particle that composes all other matter.

If energy is the fundamental component of all matter and is the "glue", then the relationship is the definition of "Spirit". This relationship between energy "glue" and energy is a Spirit of matter. The universe as we know it is only energy (measurable) and Spirit (immeasurable).

The source of both energy and Spirit (the ability of energy to relate and interact) is suggested by the STOE. Even a definition of 3-dimensional space is something. Thus, a perfect vacuum cannot be made because the confining wall will carry a space definition and, therefore, will have both a Spirit and energy.

Energy and Spirit must be independent of each other. That is, energy has no component that is Spirit. Spirit has no component that is energy. Spirit, to exist, must relate energy. Energy, to exist, must be related by Spirit to other energy and must be unrelated to remain energy. The combination of energy and Spirit forms matter, space and time.

The current popular models of the universe imply that there exists a limited amount of energy. Whether energy can be created out of nothing is unknown but may be possible. After all, the universe exists. Limited need not imply constant. For all we currently know, the condition of limited Resources is, at least locally, valid and is a dominant factor in the life of all species and groups. The STOE suggests energy is continually being injected into our universe. The cooling flow suggests there is excess energy available for Spirit development. If there were not excess energy, the universe would not have life.

If the Spirit could be strengthened, larger forces could exist. We observe larger forces do exist. A Change must have occurred. Time and space began. The relationship of energy-to-energy Changed.

Another response to create a larger life Spirit is to repeat successful implementations. The Change that started life must be more than a singular event. The life Spirit developed. Life began.

A Resource is the energy of which a life entity is composed. To be composed means the life force unilaterally directs its use. To be stable and survive, the Spirit must be able to respond to Limited Resources with Change and Competition. This is the unity of a life. This is an Individual.

The brain of an animal is less than an Individual because it cannot respond without the body. Neither is any tissue part of the body an Individual. However, the chemicals of the body are Individuals.

Change and Competition require Resources to continue. Other Resources available are other energy and Spirit groupings. Matter draws other matter together to form larger bodies. The Spirit of the smaller body still exists and is larger because of the other. The (gravitational) force of the new Spirit is larger than either of the parts. As this process continues, life Individuals become larger. The larger new life exerts more force.

The Spirit is stronger if it can encompass more energy. Bringing together greater amounts of energy means the Spirit becomes bigger. We observe that, in this state, the Spirit binds the energy less. Suns are created. If the mass is large enough, it explodes. Therefore, we observe an opposing mechanism of energy to prevent the Spirit from becoming infinitely large in the mineral world. Balance is required.

The unity of the atom is that the proton and electron serve to define only one atom at a time. The atom contracts to share an electron with another atom and a chemical is formed.

The unity of a society is that the people serve only that society. An Individual may attempt to serve many societies. If the societies come into conflict, choices will be made. These choices determine which society survives.

A society Individual includes the animals, plants, minerals and land over which it can achieve dominion. A society can kill animals for food for other

members. A society can trade with another society any of its Resources without regard to the survival of the Spirit of the Resource. A society may commit its Resources to war with another society in an attempt to acquire more Resources.

When a Spirit reaches a limit, Change allows the formation of another Spirit that may overcome the limitation of previous Spirits. When a sun or an atom becomes too large, it explodes. When a society becomes larger than its Spirit (organizational structure) can contain, it explodes.

Why should any arrangement of matter, any Spirit, be favored over any other Spirit? The Spirit that survives must be more efficient in the use of energy. A Spirit that is more efficient must be able to acquire more energy with less waste than Competing Spirits. With limited Resources, the more efficient Spirit eventually has more energy and, therefore, has the potential of surviving longer.

If a Spirit is to survive, it must grow faster than the available Resources or gain new uses for existing Resources. If a lower growth rate were allowed, even a minor misfortune would kill the life.

The life Spirit in societies also grows faster than the Resources. Therefore, societies always appear to be more complex than the models can comprehend.

Therefore, for all life there is one condition of existence and two responses of existence. The condition is that there are only limited Resources available. The two responses are Change and Competition.

Change

A constant of nature is that Change occurs. Even in the world of matter, energy is being used, the universe is expanding, and matter is continually changing form.

Change is a building upon previous Spirits and death of Spirits. A baby Changes into an adult as time passes and it acquires more Resources. The adult dies.

The types of Change are creation, evolution, revolution, and disintegration. Change is time related. The speed of Change is different for different Spirits. The speed that DNA can Change is revolutionary for minerals. The speed that societies can Change is revolutionary for DNA.

Lack of Change is not an option. A Spirit must grow or die because other Spirits are growing and need Resources.

Creation

Creation is the formation of a new Spirit from other Spirits that will become a part of the new Spirit. Several people may meet and form a new social group such as the formation of a corporation. Asteroids may attract each other and become one bigger asteroid, a planet, or a sun.

Evolution

Evolution is the formation of a new Spirit by modifying a small part of a Spirit. The Change from one to another is such that the majority of the new Spirit is the same as the old Spirit. A planet attracts one asteroid at a time to become a sun. Part of a baby growing to be an adult is eating. Little Change occurs each day. The corporation hires new people one by one.

The faster a Spirit can Change, the more able it is to acquire Resources.

As a Spirit grows, it will become too big. It must either undergo a revolution or disintegration. A caterpillar must become a butterfly through a revolution. As a corporation grows, it becomes too big for the management style and structure. Reorganization is required.

Revolution

A revolution is the formation of a new Spirit by rapidly incorporating other Spirits. This doesn't include killing the old Spirit. A revolution is rapidly building on the old. The time required to Change differs from one Spirit to another.

The revolution can occur from within by reorganization or from without by being conquered by another or conquering another. Mass grows by attracting other mass. It evolves until the mass is big enough to become a sun. Then a revolution from within occurs and a sun is born. A corporation may be bought and become a subsidiary of another corporation.

The danger of a rapid Change is that the new Spirit may not be able to incorporate the new size. If the new size is too big, the Spirit disintegrates.

Disintegration

Disintegration is the death of a Spirit by its components becoming related in less than an Individual. Disintegration may also occur from within or from without. A sun explodes if it becomes too large. A corporation may be bought and dissolved.

Competition

Change adds new forms and uses of Resources. The limited Resource condition implies there isn't enough for all. Therefore, some process to direct Resources to the more efficient use is necessary. This is Competition.

Competition's place is to select and enlarge the forms of life that are efficient users of Resources. Those less efficient must cease.

One form of being less efficient is to grow at a rate less than or equal to the rate available Resources will allow. Other Spirits will kill such a Spirit.

The power of Competition is selection rather than disintegration or death. If no choice exists, there is no selection and no death of less suitable Individuals. Nature abhors stagnation. Death then is a part of life.

The varieties of Competition are reproduction, repetition, cooperation, and war.

Reproduction

Reproduction is growth of an existing Spirit by duplication. Because they use the same type of Resources, they must occupy different areas. Growth is achieved by increasing the numbers of a Spirit. This is why the word Competition is chosen rather than reverberation for this response.

War

Competition occurs when a limited Resource condition has been experienced and the Individuals' response is taking Resources without compensation from other Individuals. Other Resources that occupy the same niche and use the same Resources are prime targets. Acquisition can be by destroying the other Individuals or by taking the other's Resources. Each of the planets attracts asteroids. The planets are in war to gain more mass. The effect of asteroid impacts on organic life is of little concern to the earth Spirit. It's only the mass of the organic life that earth needs. Lions and cheetahs will kill and not eat each other's young. War is a way for different homo sapiens societies to arrive at a decision as to which form of society uses Resources more efficiently. War has been used by societies to grow and expand. Because the victorious societies have the opportunity to become stronger and survive longer, war is in accordance with nature's values. All the horrors of war abound routinely in nature.

Resources must be used to strengthen a Spirit. If Resources are used for purposes other than to strengthen a Spirit, soon that Spirit will become weak. If the Resources expended in war are not at least replaced from the vanquished, the society will be weakened. Often the Resources are restricted from use by other Spirits. A weak Competing Spirit may not have enough Resources to survive. A strong Competing Spirit must have excess Resources. The excess Resources must be productively used to promote Change, to war, to reproduce, or to cooperate.

From the moment they first came into Competition with one another, western culture, whether any like it or not, has predominated over other cultures. The key reason for western culture's ability to conquer has been the pursuit of Change. Even in western culture, attempts by otherwise strong political groups (e.g., the Catholic Church of the middle ages) to inhibit Change have resulted in the group's loss of power.

War is a part of Competition. Resources must be used to accomplish the victory in war. Resources must be gained in war. Nature allows war as a way to further life. Therefore, the only way to abolish war is to further life by other means.

Trying to simply abolish war unilaterally will be abhorrent to nature. Nature will advance life by using the Resources of those it eliminates for other Spirits.

This may mean the warriors will ultimately kill those Spirits unwilling to engage in Competition and Change.

The economics of predation and war and their place as an acceptable form of Competition are harsh relative to the morals associated with cooperation. A common theme of human history is to have a “less cultured” group destroy a “more cultured” group. Thus, the Mongol herder society conquered many agricultural groups. This is because the agricultural groups had a Spirit that failed to fully comprehend Competition and Change.

Within a society, litigation is a form of war. Resources are spent for the primary purpose of seizing other’s Resources.

Peoples’ sensibilities may disapprove of war being categorized as a positive process toward life. Life’s advance requires diversity and the culling of weaker Spirits. People can be assured that if they don’t perform life’s goal, nature will with war. So, if people wish to avoid war, then they must do as life dictates. This is difficult to do in society, as we know it.

If a society has no warrior class, both its male and female members must die during famine or be conquered by a neighbor. Societies with a distinct soldier/policeman/lawyer class from the producer class can survive only if its neighbors are subject to the same ratio of soldiers to producers or are very isolated. The versatility of requiring all males be subject to military service could produce more in times of plenty, and form larger military might when required. Standing armies and police forces are tremendous burdens. This has tremendous influence on society’s organization and laws. Serf and slave states have tended to fail in war against states that allow most males to be armed.

If war is to be abolished, a method must be found to allow weaker societies to Change or die. The problem of war is the Murder of Individuals. Cooperation and Competition must allow the weaker Individuals to dissolve without taxing the more vital Individuals.

As war is a part of Competition, Murder is not. Murder is the destruction of contributing Individual’s ability to Compete. The slaughter of cattle Individuals is not Murder if the meat is eaten and if the cattle Spirit is maintained by breeding replacements. The slaughter of a steer is not the Murder of the cattle Spirit in a society. The killing of a pray animal is not the Murder of the pray Spirit if the pray Spirit is encouraged to reproduce and thrive.

History has many examples of one society conquering another through war. So far, so good. Then some conquerors salt the fields, destroy the plants, and kill the cattle to extinction. After conquering a society, the destruction of Resources is Murder. Although this procedure eliminates a future Competitor, it fails to return Resources to the victor. Societies that engage in this type of activity are short lived.

Isn’t it curious that in international, Competitive relations, nations are acquisitive, pugnacious, prideful, and greedy? Violent and destructive war is common. Even the victors of war lose Resources. Victors often plant the seeds of the next war in an attempt to profit or, at least, regain the lost Resources. The only exceptions have been where the victors totally exterminated the conquered and occupy their territory or where the victors forget the war loss and

incorporate the conquered into a new organization of Spirit. These same nations value internal peace and cooperation and punish those citizens who act toward their fellow citizens in the same manner their governments act toward other nations. Religions and other groups share this behavior. War is a nation's way of acquiring Resources, of eating. But within a nation, such warlike behavior is outlawed. Frequently, domestic outlaws in a society make good soldiers because they know how to cooperate. Thou shalt not kill a member of one's own group (murder), but thou shall kill a member of an opposing group and be commended for it.

Cooperation

Cooperation occurs when a limited Resource condition has been experienced and the Individuals' response is to allocate the Resources to as many as possible. The goal is to obtain a large Spirit in numbers of Individuals by using Resources most efficiently. Individuals do not war or Compete if they have the minimum necessary for survival. Individuals who have less than the minimum die. Individuals who have the minimum are expected to support other's war and Competition. Individuals with more than the minimum are expected to give the excess to other Individuals within the larger Individual. Note this does not include members that do not contribute to the larger individual and have no Hope of contributing. Such a system has few Resources for expansion or for developing other Resources. Cooperation makes Change difficult

The planets and Sun cooperate in allocating matter and keeping the planets separate. The sun remains a size that won't explode. The planets exist as Individuals. The method of cooperation is the revolving forces counter the gravity forces. As the planets and Sun are well defined, the rate of Change has slowed.

Life for all can be made stronger if there is a mechanism to cooperate in finding the most efficient niche positions. Cooperation reduces the Resources used in the Competition and selection process. So long as cooperation helps each Spirit find his most efficient, contributing niche, the group that is cooperating will be stronger. Therefore, cooperation aids Competition. A system not pursuing the goal of more efficient use of Resources, is not cooperating and is becoming a weak Competitor. For instance, the systems of welfare and subsidies are not systems of cooperation although there is organized action because non-contributing members are not Resources.

However, Competition with or without cooperation will proceed. It may proceed from within the group or from without the group.

Predator, prey, parasite, victim

All Spirits feed on other Spirits. Plants feed on minerals. Animals feed on plants. Societies feed on minerals, plants, animals and other societies. Individuals are incorporated into the predator's Spirit. The Individual's Spirit is destroyed so the predator can acquire the Resources of the Individual.

Each Spirit must try to survive. Whether a Spirit survives depends on the larger Spirit of which it is a part, the Spirits to which it is a potential victim, and the Spirits it eats.

Rabbits and foxes cooperate. Predation is a cooperative process between different Spirits occupying different niches in the use of Resources. The non-cooperation Competition is when Competing Spirits are attempting to occupy the same niche.

Humans, as in other Spirits, at the top of a food chain are less fortunate than rabbits and foxes. Humans must be held in check by Malthus's agents (*"Essay on Population"* (1798) Thomas Malthus) of famine, pestilence, and war. Hope and greater Understanding may refute Malthus.

There are cycles in nature of abundance and scarcity. A population with abundance can expand to require Resources beyond those available in scarce periods. The storage of Resources and continued efficient use of Resources for the scarce periods is one approach to having a larger population. Another approach is to allow the weaker part, which is determined by Competition in the ability to contribute, of the population to die during scarcity. If the weaker part is allowed to continue during abundant periods, then more than only the weaker will die during scarce or revolutionary periods. Indeed, the tolerance of the weaker may cause Disintegration from within or without. The storage solution is viable for short cycles. Eventually the latter approach must be used.

Profitable human management of some wildlife species involves people hunting (harvesting) just before winter. During the following summer the population will expand. Several years of maintaining a healthy population results in a relatively large population that is easily able to recover from a disaster short of total extermination and that is greater than would occur otherwise. Therefore, continued harvests are assured. Prohibition against a harvesting goal may lead to extermination of some species because of human encroachment. Harvesting to extinction leads to less Resource availability. If the wildlife species can use land the humans cannot, hunting is better.

Note the distinctions being made between an Individual's fate and a life process (or Spirit). The Spirit embodied in any one Individual mineral or life form may fail to survive because of Competition with a pre-existing form. Thus, bacteria may kill baby humans. But, the Spirit will exist again and may eventually succeed. Wheat, a heavy grain not suited for natural selection, was probably created many times before man noticed it and caused its survival. Human and wheat cooperated and both created a new Spirit that helped both survive. Both retain their unique identification. Diversity is the propeller of evolution through Change ability.

The male character rewards the more bellicose and greedy. The male role in rearing young is reduced. Because the male has become the most expendable of the group, he is the one placed at risk to gain outside Resources for the group. He is the warrior whose role is to seize Resources from other groups during scarce periods such as through war, hunting, and farming. This requires an Expansive or penetrating of current Resources.

The females must be able to perform all the Resource use functions. The

female role is then more oriented to cooperation and reproduction. This requires Nurturing of current Resources.

A Spirit must engage in the responses of Change and Competition in order to continue to exist. A Spirit failing this is abhorrent to nature for it has no purpose in the continuation of life.

For instance, a deer Individual possesses Resources other Spirits may use. It also consumes Resources other Individuals of the deer Spirit may use. If a deer Individual is failing to Change or Repeat, the Resources it has are wasted and the Resources it consumes are preventing the larger deer Spirit (other deer Individuals) from Changing and Repeating. Nature will engage the predator Spirit to eliminate the wasteful deer Individual. If this fails to happen, the wasteful deer Individuals would soon be very numerous. The limited Resources would soon starve the larger deer Spirit. Nature will have none of the wasteful. If the wasteful or inefficient Individuals are allowed to exist, nature will wipe out the whole deer Spirit and start again on another Spirit.

If an Individual is not contributing to a society, it is not Murder to kill that Individual.

Balance the responses

The Competition concept leads to the concept of a life cycle - birth, growth, death, birth. The same Spirits exist with differing Individuals. Life needs progress. Change provides that progress, that breaking of the life cycle.

The Change concept leads to the concept of advancing toward a better state. If the Change is inefficient, nature starts again.

Competition is the repeating of past occurrences, without Change. While Change implies an expansion, a penetrating, a new usage. Competition is a Nurturing of already existing Spirits.

To acquire more energy, a Spirit may Change or may Repeat itself. Each requires energy. Each can further a Spirit's ability to survive. If all energy is devoted to Change, another Spirit may conquer through sheer size. If all energy is devoted to Competition, another Spirit may conquer through efficiency. Therefore, the responses of Change and Competition must be balanced.

At the simplest level, the need to keep order in the universe or in a society is a need for Competition. The tendency to disorder is the tendency to Change. Thus, the order/disorder conflict is the Change/Competition conflict that needs to be balanced for survival.

Indeed, the need to balance the forces of Change and Competition creates the fertile basis for a more efficient approach than mineral and physical forces allow.

The same laws determine life processes. This is not because the laws or processes of life are equal in different fields - organisms, minerals, physical, religions, groups, or societies. Rather, because the condition of life processes are the conditions of the functioning of all forms of Spirit and energy. The process of each level of Spirit is different. Speaking of parallel processes for minerals, bacteria, and humans is not justified. However, parallelism is present

in the sense that all Spirits must obey the same rules and overcome the same type of forces.

Understanding a physical or Spiritual condition of a life form (process) which we call lower (more primitive) or higher means (1) determining the significance of the processes in the development of the life (past), (2) determining the role that other life phenomena play with the totality of the experiences of the life process in study (present), and (3) determining how that life form is best able to realize its nature to the degree that the life process survives (future). Note the distinctions being made between an Individual's fate and a life process (or Spirit).

This Understanding, however advanced, is limited. Just determining the past, present, and future does not mean survival in the presence of Change. A fourth, timeless factor of a Spirit is necessary. This timeless factor is the ability to cause Change.

The causing of Change begins with an alteration in the way a life form realizes its nature. This causes a Change in the role of that life form that causes a Change in the processes of development of the life form. Out of these reorientations evolve new niches and Competition results. Bison hooves cut the grass that helps the grass roots reproduce and that kills other plants. The bison cause the grassland and the grassland feeds the bison. This timeless factor that causes the alteration is called Wisdom.

3 Biological to Social Mechanisms

Solving the survival problems of groups presents very complex issues. The long-term impact of any philosophical approach can be tested only in the span of millennia. Even then there are limitations.

Existing biological mechanisms have passed the survival test over very long periods. Biological systems of survival can show the Spiritual characteristics' groups must have to survive. A group is as much a living, breathing biomass as biological organisms are. The progression from Energy to mineral Life to biological Life to ideologies is not each a separate step. The growth of a worldview of human kind and human ideologies is merely the continuation of the increase of the Spirit of Life. Each is fundamentally Energy and Spirit.

Individuals do only three things

They eat, they breed, and they die. These are biological words. Eating is the acquiring of Energy into the Spirit. This may be directly acquired as chemicals develop chemical bonds to make larger molecules. War is one way for a nation to eat. The U. S. showed another way when it bought the Louisiana Purchase territory, allowed emigration, and killed Indians. The acquired Energy may be used to Repeat or to build a larger body (Spirit).

Breeding in biological Spirits involves direct lineage. Breeding in other types of Spirits may not be direct lineage. The important concept is that new Spirits

are formed. The new Spirits may be similar or evolved. A hydrogen and oxygen mixture can form water molecules. Each molecule doesn't necessarily provide direct lineage for the other molecules. However, the Energy released by the formation of one molecule may trigger a chain reaction to form other molecules. The Spirit of water molecules becomes larger. Breeding also occurs when people form a new group or organization.

Because the world of matter has Limited Resources, Change, and Competition, the forces of order created a structure of matter that could reproduce itself with minimum Energy. This copying ability allowed the storing of additional Energy.

One of the characteristics of the Spirit of Life is that it requires constant Energy input to continue. Thus, order has been increased, as has been the rate of increasing disorder. No system that does not achieve a balance of order and disorder is stable. Life was born. The rules of nature were expanded. The prohibitions of nature were not violated.

This new Life Spirit, biology, must obey the same rules as matter. The conditions of Limited Resources, Change, and Competition apply. Because Energy was needed continually and could not be obtained by all the new Life, some of the Life could not continue. Death became necessary for Life to satisfy nature's conditions. The matter in the Life did not Change. Only the Spirit (the relation between the material components) of the Individual ceased. The Spirit of other Life increased and grew.

There is no significant, distinguishing feature of biological Spirits and mineral Spirits. Each is a Life force. Each is an addition to the previous Life stage. Our ancestors were correct. Trees and rocks do have Spirits of Life. Mankind's social development is another Life Spirit. Mankind's further advance depends on developing a view of the unification of all Life Spirits.

As Change occurs, as one Spirit becomes strong or another is created, than other Spirits (Individuals, groups, species, religious beliefs, governments) are placed in a state of disorder and anxiety generated by Competition. A catastrophe often results. The Life process of one or all is threatened. A Life form may not be able to continue according to its nature.

Such pressure creates a state of anxiety. The conflicting forces are those oriented to restore the Life process back to pre-anxiety conditions and those attempting to realize a more advanced nature for further Life. If each anxiety is dealt with in such a manner that a relative balance occurs before the next disturbance, then a slow evolving will occur as Darwin suggests.

As more Spirits come into being, as each Changes, or as the environment Changes, the frequency of catastrophic disorders increases. If each disturbance is not dealt with before the next disturbance, then the Spirit must completely revolt in a major upheaval oriented toward changing the environment. This is done by eliminating other Spirit's influence, by shrinking his own role, by adjusting to the new order, or by dying. This is a growth crisis.

The only option Life has within its own control is death. A destructive alternative is that a Life Spirits may choose to self-destroy itself and destroy its Competitor with it. This "Samson syndrome" is seen frequently in history. A

strong Life Spirit must allow for and overcome the possible evil of the Competitor's death wish.

Charles S. Elton, a British scientist, wrote a wonderful, sensible and informative book on this subject, *"The Ecology of Invasions by Animals and Plants"*. The biological world has been consistently disproving mankind's view of moral. The various invasions by plant and animals into mankind's ordered world have been very savage. Even the wildest fiction of doom cannot compare with reality. Life is not for the squeamish. The infestations cannot be stopped with poisons or bombs. The only sensible course of action is to Understand the basics of the fight for survival and meet these invasions on their own terms.

Examples in just the last few decades in the Americas are terrifying. There are fire ants, killer bees, chestnut fungus, the sea lamprey of the Great Lakes, and many more.

There are also many lessons. Lesson one: very often, a successful invasion is irrevocable. Once a new Life force is established, it will require a new Life force (not poison or bombs) to supplant it. The new species find crannies to hide in and tricks of survival so eradication is prohibitively expensive in Resource requirement.

Lesson two: having shed its past and left its own enemies behind, an invader will often explode to extreme population densities. Often the native species and older Life forms are victims. The most benign invasion is when the invader is merely Competitive.

Lesson three: most invaders that achieve calamitous population explosions have come from ecosystems that are more complex and rich in species. They invaded a habitat that is less rich, less ecologically tangled, and more simplified. So mankind's effort to simplify his environment to his level of Understanding is really creating an opportunity for invasion.

Lesson four: every species or Life Spirit requires its own ecological niche. If all the niches are occupied, the invader will meet resistance. Many will not succeed. There is a valid reason for tolerance of difference.

Lesson five: the cause of catastrophe is not that the invasion occurs, but that the invasion is rapid and causes rapid Change. The rate of Change produced by an already established Life Spirit is the result of slow evolution. The vacant niche the invader fills would be filled by slow Change.

Lesson six: the successful invasion of a new species will ultimately result in a richer Life Spirit. This is the fundamental force of all Spirit. The character of invader or destroyer is man's view and not how nature views the transaction.

Lesson seven: human effort and Resources spent toward a reduction of diversity or an inhibition to Change can only be, ultimately, self destroying. The U. S. is strong not because it is a "melting pot", but because it allows a mixture of social groups to exist Competitively without war. Indeed, the melting pot concept is a false description. A stronger Life force could be developed if a political diversity could exist without war.

Lesson eight: the boundary between two Spirits is the place where the greatest amount of creation of new Spirits occurs. Where there is isolation, there is sameness.

Life organisms in trying to meet Competition have found it useful to develop larger, effective biomass. The invention of the Spirit of society has allowed the Creation of larger effective biomasses.

To be effective means that parts of a biomass must help the other parts to survive and to gain survival longer than they would alone. This is coupling. For instance, the heart pumps blood but cannot survive without the rest of a body as the other body parts cannot survive without a heart. A worker ant cannot survive long without the rest of the colony. The Spirit of the colony cannot survive or reproduce without the worker. Coupling has occurred. The ant is not an Individual because it cannot meet the response of Competition. The colony is the Individual. The ant lives for the greater survival of the larger Spirit and larger biomass.

A society is a group of Individuals who can Repeat and Change to further their own survival. In furthering their survival, they create an Individual Spirit that seeks to survive.

An Individual consists of all component Individuals. A country consists of Individual businesses, Individual organizations, Individual people, Individual animals (e.g., cattle and wildlife), Individual mineral Spirits, etc.

Groups and societies are a type of Individual and distinct from biological Individuals as biological Individuals are distinct from mineral Individuals. Cattle are Individuals in a group. Traditional thinking in the U.S. has people in a nation holding power. Private plunder or public graft is equally unhealthy. Societies have different allocations of power. Societies are a matter of organization and relationships of Individuals. Therefore, groups and societies are Individuals of a Life force. Societies must obey the same natural laws and respond to the same conditions as the mineral and biological worlds. Therefore, the society is a Life Spirit as is the mineral and biological Spirits. Further, because more Energy is controlled by the society, it is potentially an advance of the Life Spirit.

There are several organizational types of societies. One type is the totalitarian society where its members are viewed as members of the state and little more. Its members are as organs of a body. Each has his function. Resources are used by the state. If one function fails, all die. Its strength is that it can be single-mindedly directed to react rapidly to an emergency. The good of the state must prevail over the Individual. The problem is that the perceived good of the state does not always mean the survival of the state. Thus, ants in one colony are one effective Individual rather than a collection of ants. Competition is restricted and the state loses its Understanding of the requirements for survival.

Another type of society is the opposite extreme. The Individualist view is that the good of the Individual must come before the state. The citizen uses Resources. The state is the instrument of the Individual to get his good. Again, good is subject to Individual desires and may not achieve survival. Those Individuals who chose to be in conformity to the Vital Way will survive. Competition restricts the ability of the state to respond to other states.

A third view is a combination of the two extremes. A “well ordered and just state” (whatever that is) serves the Individual. A civic-minded Individual serves

the whole. Often consumers that are not Individuals are allowed to remain a member of the society. This is a symptom of the causes of the collapse of the society.

The philosophy of anarchism requires Individuals or subgroups to cooperate to achieve survival without any coercive state or authority. Nature's forces are to Compete and Change. Without a coercive authority the Competition can result in violent destruction of Resources. The decentralization of Roman power was an anarchist's dream. It led to violent, destructive conflict within Europe that slowed Europe's growth (the dark age). Therefore, anarchy doesn't result in a more powerful Life Spirit.

The difficulty of all these views is that happiness or self-actualization is the goal. Also, they tend to be treated as forms that can survive forever, in all circumstances. The force of Change precludes any one form from surviving forever. Also, a state's survival depends on its pursuit of the Vital Ways and the abhorrence of the Opposite ideas. Any organization can do this. Consequently, history has seen each type of society conquer each other type.

A society's Spirit has certain characteristics that can be described by 7 action concepts - Justice, Mercy, Truth, Love, Understanding, Hope, and Wisdom. Wisdom is approaching what has been defined as Godlike in its creation characteristic.

A group's survival Life force depends on how its culture is structured in the seven action concepts of the Vital Way. The measure of one Life force structure has little meaning. Meaning and surviving are established only in how a group can respond relative to the environment and other groups.

There is a problem in the use of these words as a shorthand way of dealing with interrelationships in a society. The problem is that these words require re-definition. However, their common usage is the closest to the intended concept. Perhaps it is best to think of each part of the Vital Way as representing an organizational concept with relationships to time, to Expanding, to Nurturing and to each other. The definition of each Vital Way differs from prior definitions because they are survival oriented. This can lead to a better Wisdom in dealing with the challenges facing us.

Another problem in using these words is that the application is a society, not the mineral world. The analogy may be hard to follow. For instance, thinking of a rock as having Truth will require a close attention to the definition. A rock has a being in the sense that it has a past that led to its current characteristic. It has a present and a relationship to other rocks and Life forces. It has a future and will Change with erosion. It can cause Change of its environment by virtue of gravity. A rock has also achieved balance between its Nurturing and Expanding modes. This is why the rock has survived.

The seven candles of a society's Life stand on a triangular base of Competition, Change and Limited Resources whose point - Limited Resources - extends into another base of Energy and Spirit. The seven candles (stored energy) of Life are Justice balanced with Mercy, Truth balanced with Love, Understanding balanced with Hope, on a central column with Wisdom on its top.

A recurring pattern can be seen in the progression of increasing the Spirit

of Life. First is sameness. All items of an identifiable Life process are the same. Then another Spirit develops and adds to the many same items a means of Coordinating them. The whole then becomes greater than the sum of the parts.

The history of increasing Spirit size such as from chemicals to bacteria to us shows that each level has a greater rate of Change than the previous level. Sex was originated by the blue-green algae. Sexual selection is used in addition to natural selection to accelerate Change. With the addition of Wisdom, Change can be created with forethought rather than by reaction, only.

Each level of increasing Spirit size has a greater amount of Energy to be used by the Individual. Note also that each stage is stable in that they survive today. These earlier stages are needed by later stages. Elements do not lose their identity to make compounds. Therefore, the problem of mankind's survival is one of having several types of national governments (e.g., totalitarian or democratic) to rule the earth.

4 The Vital Way to life

All Spirits must have some response to the 7 dimensions of action. A weak Spirit will have responses that do not aid survival and do no direct harm without Competition. These responses are called passive opposites. Some of the possible responses are active in a sense that inhibits survival or causes self-destruction. These are called active opposites to survival. Mystical terminology would refer to the active opposites as evil. The responses listed above as Justice, Mercy, Truth, Love, Understanding, Hope and Wisdom are the positive responses to survival and are called the Vital Ways.

Development of the life Spirit

The biological survival of the fittest mechanism is only the last resort of nature's Competition. For species at the top of a food chain with no natural enemies, survival of the fittest implies war, starvation, and destruction of limited Resources. When this answer is applied to groups, the groups war and starve. This entails a huge Disintegration of Resources. Some action to make the selection is required with less Disintegration. Using Justice is much more efficient and is, therefore, necessary for life.

Justice selects by comparing past actions to a set of rules. If the rules of an Individual are compatible with the rules of the larger Individual, the Justice will aid survival of the Individual to the extent the larger Individual's rules allow it to survive. Ultimately, the larger Individual is nature. Ultimately, all rules must be compatible with nature.

The application of Justice in all circumstances restricts the society from learning. To learn, errors will be made. If the error is allowed to reoccur, then a mistake is made and life is threatened. To allow learning requires an action such as bankruptcy to recognize the error and not waste Resources because of the error. Mercy is necessary to balance Justice for life.

To decide whether a situation requires a just or merciful action requires that the total, true situation be known. Some action must be taken to discover the total, true situation. This action is the search for Truth. Truth is the relation of one event or thing to another. This action is data. Truth exists only in the present. For instance, that a person was at a given place yesterday is a Truth today.

The application of only Truth to a Mercy and Justice balancing requirement fails to recognize the requirement for an Individual to apply Resources. Some action to balance Truth with the recognition of the exchange of Resources that is occurring is necessary. This action requires an Individual expend or give Resources to another in exchange for some value. Love is a giving and a getting. Only in this way can life progress. Love is necessary to balance Truth.

Unilateral giving is beautiful but deadly. Note that getting without giving is allowed by nature. However, the Spirit between the taken-from-Individual and the getting-Individual is weak. The taken-from-Individual may soon disintegrate if other Individuals continue getting.

To decide whether a situation requires a Truth or Loving action requires that the future of any modification of the present situation be known. Some action must be taken to discover the future possibilities. This action is the search for Understanding. Understanding is the ability to predict the unfolding of events and future Truths. For instance, a present Truth may be that a paper is being held above the floor. Later, a new present has the Truth that the paper is released. Understanding would predict the future Truth of the paper. If Understanding was poor and we wanted the paper to be in a wastebasket, we may be required to try several times. This is Resource wasting. Much better is to be able to predict the outcome of releasing the paper from any given position so we may choose the more optimal position. Much better to have Understanding.

An exchange of Resources for other Resources to aid our survival (Love) is far more productive (profitable) than war. Understanding helps us get the Resources we need in exchange for the Resources expended or that another needs. Taking Resources by destruction of another Individual is an allowed transaction but leads to war. The war may not be profitable. If we fail to receive adequate Resources on each Love transaction, we'll soon be void of Resources. A Spirit that wars without receiving booty soon dies. Profit is a more efficient means of growth and survival.

The application of only Understanding to a Love and Truth balancing requirement fails to recognize the requirement for an Individual to have some unifying goal. Such a coordination of Resources produces a whole greater than the sum of its parts. Resources purchased could have a much greater effect if they are selected with some synergy with other Resources. This makes a given Resource more valuable to one Individual than another. Economically, this is called profit. The voluntary Love relationship involves least waste. Some action to balance Understanding with the recognition of the possibility of profit is necessary. Only in this way can life progress. Hope is necessary to balance Understanding.

Some action must be taken to create the Hope and Understanding of the future. This action involves the application of forces. Wisdom is the ability to create Hope and Understanding for the unfolding of events and future Truths.

The mineral world forces are nuclear, electromagnetic, and gravity.

For life to advance, some method to have the next stage in Spiritual development is required. For instance, to have Hope, Wisdom is needed to balance harsh Understanding. To have Understanding, Hope is needed to advance Love. Understanding is needed to balance harsh Truth and Love. To have Truth, Love is needed to advance Mercy. To have Mercy, Truth is needed to balance harsh Justice. To have Justice, Mercy is needed to advance Competition.

Organization of the concepts

Spirits have relationships that lead to survival: a time relationship and a balance of Expanding and Nurturing actions. Other possible relationships (active opposites and passive opposites) may hinder a Spirit's survival.

7 dimensions shown in Table 2 are developed to describe a Spirit's way to survive under the condition of limited Resources and the opposing responses of Change and Competition.

Table 2: A Spirit's Vital Way to survive

	Orientation	Great Idea
PAST	Expanding	Justice
PAST	Nurturing	Mercy
PRESENT	Expanding	Truth
PRESENT	Nurturing	Love
FUTURE	Expanding	Understanding
FUTURE	Nurturing	Hope
ALL TIME	balancing/coupling	Wisdom

The orientation (e.g., past-Expanding) applies to all levels of survival. The labeling of Justice, Mercy, etc. is applied to groups and societies.

The dimensions are chosen in such a structure as to be orthogonal and a complete description of a Spirit's position and survival capability. "Orthogonal" means the organization of the concepts is such that the concepts are each mutually exclusive. This aids analysis.

Vital Way

"Way" is used in the sense of "actions to pursue to accomplish a longer survival time". "Vital" is the fundamental, necessary but not sufficient result of action choices made by an Individual. Vital is the adjective of way. Once the choice of the actions of the Individual's approach to the 7 dimensions is made, the

resulting survival or non-survival in the Individual's environment is determined. This is a mixture of Newtonian determinism (the clockwork universe of deism) and free will.

When the genes of an Individual are selected, many of the later character and actions of the Individual are determined. Species Change by modification in the genetic structure. That is the way of biological Individuals.

The group is organized by choices of how the Individuals are related. This choice can include choice of the members of the group. These choices involve responses to the 7 dimensions. These responses determine how vital the group can be in relation to other Individuals.

Because time passes and Change occurs, there is not a sense of perfect but only a sense of better in the Competition of Individuals.

A traveler on a road is continually faced with choices of paths to follow. The traveler can perceive that not choosing an established path is difficult. Upon coming to an intersection, he must choose one of several paths. Reading signs and maps may increase his Understanding of his choice. Once the choice is made, he is committed to follow that path and experience what that path holds.

Time

As noted before, the universe is in the process of becoming. Thus, a past, present, and future coordination is necessary for survival. The condition of limited Resources and the responses of Change (of becoming) and Competition are ever present and are timeless. Justice and Mercy are concepts that respond to past events in the balancing of Change and Competition. The ideas of Truth and Love are statements about the current condition so Justice and Mercy may be balanced for survival. The ideas of Understanding and Hope are future oriented. As the natural condition and responses have no time orientation (are always present), Wisdom is concerned with all time. Wisdom is outside time and is concerned with the application of forces to influence the flow of events of nature from the past through time to the future.

The stage a Spirit is in can be likened to the growth of a person. For example, a Spirit with a well-balanced Justice and Mercy level but weak or imbalanced Truth and Love level is like a child. An adult Spirit has Wisdom to the extent it can cause Change and Competition to balance.

Expanding and Nurturing

The Nurturing processes and Expanding processes are the Spirit equivalent of the biological female and male. However, the tendency to think of Nurturing as passive and Expanding as active is not accurate. Nurturing is as active a role in a life process as it is in biology.

Competition, Mercy, Love, and Hope have Nurturing characteristics. Change, Justice, Truth, and Understanding have Expanding characteristics.

Table 3: Stages of development

Nurture	Balance	Expand	Stage
	Wisdom		adult
Hope		Understanding	
Love		Truth	adolescent
Mercy		Justice	
Competition		Change	child
	Limited Resources		
Spirit		Energy	

Happiness

is the experience of living every moment with Hope, Love, and Mercy in the existing environment in Competition with others.

Fulfillment

is the experience of living every moment with Understanding, Truth, and Justice in a Changing environment.

Happiness and fulfillment are opposites. To be happy, one does not need to have Understanding and Truth of his situation. One must only accept. That fulfillment often brings unhappiness with little Hope and appreciation of Love is no coincidence.

To survive, happiness and fulfillment must be balanced. The Great Spirit is the balancing of happiness and fulfillment in the use of limited Resources. The pursuit of happiness or fulfillment alone is a threat to survival.

Wisdom and limited Resources have neither a Nurturing nor an Expanding characteristic. As such, they have no opposites.

Active and passive opposites

Life uses energy. The second law of thermodynamics (the universe is running down and entropy is increasing) has been applied to life. Murphy's law (anything that can go wrong, will) is another statement of the same concept. If a living being's approach to life is passive, it will run down and eventually cease.

Table 4 lists the active and passive opposites relationships. Living and continuing to survive requires the constant acquisition of energy. Life is an ACTIVE process. Passive values and goals will not secure survival. Throughout human history there have been many examples of people committing Resources to passive goals. The building of beautiful palaces signaled the high point of Moorish Spain. The end was not long in coming. Solomon's great expenditures in the pursuit of beauty were followed by the ruin of a great power in one generation. David was wise. Solomon was unwise.

The passive Nurturing ideals are Grace, Beauty, and Faith. Survival demands active Nurturing. Not the passivity of Grace, but the activity of Mercy. Not the passivity of Beauty, but the activity of Love. Not the passivity of Faith, but the activity of Hope.

The Jews created the word of God- of the balance of Justice and Mercy (substituting grace) through history. Christians were born to carry the word of Truth and Love (Jesus substituted Love for beauty) through history. The next great Change will be the formation of a church to carry the word of Understanding and Hope as opposed to faith.

If each of the 7 dimensions and 2 responses are “Vital Ways”, then their opposites must be equally great. There are different types of opposites. One type must serve to enhance survivability. Another type serves to inhibit survivability.

Nurturing and Expanding are active opposites required for survival. Each of the 7 Vital Ways has passive opposites that allow an exhaustion of the life Spirit for the eventual conquering by another, more active life Spirit. There are also opposites that are active in a manner that results in the self-disintegration of life. For lack of a better term, these are called evil.

The more obvious is hate as the active opposite of Love. The telling or believing of lies (unTruths) is not the opposite of Truth. Many times a lie is necessary for Love to help survival. The destructive opposite of Truth is betrayal or bearing false witness when a Justice/Mercy decision is to be made because this destroys the Justice - Mercy balance.

The mechanism of opposing forces is necessary for life. The balancing of Vital Way opposites (e.g., Justice and Mercy) is necessary for life. The avoidance of passive opposites and the fight against active opposites prolongs life. If Vital Way opposites do not exist, life will not survive. Sameness can be deadly because diversity is required for Change and Competition. Therefore, the mechanism of opposites must exist. It evolved as a necessary condition to survival.

The need for opposites and balance solved the greatest pollution problem of all time. The life process of Plants gave off oxygen. While sufficient carbon dioxide existed, all was sameness (only plants). However, oxygen was a poison to plants. Beings that converted oxygen to carbon dioxide were required. The new beings, animals, required a source of carbon and energy. The plants had both and were required to sacrifice their own bodies to the animals so the plant Spirit could live.

The conditions required for the continued existence of plant life may have been attempted many times by plants. The arrival of animals allowed the balance to be achieved. The mechanism of life is a mechanism for achieving coupling and balance.

Predicting a Spirit’s survival potential

The ability of a Spirit to survive in Competition can be measured by classifying the way a Spirit responds to its environment in each of the dimensions. Also, each dimension of the Vital Way, passive opposite, and active opposite are mutually exclusive and are all inclusive of survival-oriented responses. For

Table 4: Great Idea relations

	Help Survival	Great Opposite	Inhibit Survival Passive Opposite	Self- destructive Active Opposite
Great Idea		Great Opposite	Inhibit Survival Passive Opposite	Self- destructive Active Opposite
Competition		Change	Sameness	Welfare
Change		Competition	Stagnation	Regression
Justice		Mercy	Peace	Murder
Mercy		Justice	Grace	Cruelty
Truth		Love	Illusion	Betrayal
Love		Truth	Beauty	Hate
Understanding		Hope	Ignorance	Obstinacy
Hope		Understanding	Faith	Death wish
Wisdom		Wisdom		

instance, freedom as an ideal is not so important. However, tolerance seems to allow probing for the Truth, rewards Understanding and Wisdom, and allows the believers in the passive and active opposites to be reduced in power through Competition. The idea of freedom overlaps with concepts of liberty and authoritarianism.

For organization and description purposes each ideology can be described by its response to each of the Vital Ways and their opposites. The response is the actual response in practice and not the intended or theoretical response. The test of illusion or Truth is found in Understanding. For any given theoretical Truth, a prediction about a future Truth according to a theory may be made. Note this requires a positive statement of a new existence or Truth. A statement about a future disaster fails to qualify as a prediction. Disasters happen as a result of some failure of Truth or Understanding. We are imperfect, so we can expect disasters. Believing in false prophets results in unfounded faith and illusion. If the theory and Truth are correct, the prediction will come to pass. If not, the Truth and the Understanding are wrong. The surviving Spirit will modify its Truth and Understanding.

Comparing the response of the Individual to the Vital Way can make an evaluation of the survival potential of an Individual. The survival potential against Competing ideologies can predict which will survive. This system can also be used to coordinate the ideology of a group so the survival of the group can be enhanced.

For instance, the ideology of a parliamentary government and democracy appeared to be the major export of European colonial powers to Africa. However, as the colonies became more self-governing, many, non-democratic forms of government replaced the parliamentary ideal. The experience of the U. S. in exporting democracy and freedom ideology has also been less than successful.

Why? The survival model explanation is that the freedom ideal in practice

in the colony did not match the religious, economic and organizational (e.g., tribal) ideals. Secondly, the export was not really freedom. The U.S. found dealing with strong, centralized government easier. The true export had many passive and active opposites. Thus, gross imbalance was created in the colony that could not use Resources, Compete, and Change as effectively as the older, tribal ideals. Note the reaction in the exporting power was to increase its survival potential because the colony, for a short time, gave more than it got. The exporter saw the transaction as a Love transaction. The colony, however, lost Resources and saw the transaction as Hate. That the people of mid-east nations want to kill us is a natural reaction to the Hate toward them that we exported. Therefore, the relation between the exporter and the colony was not a Love transaction.

The Hate in the colony fostered rebellion. In time the colonies required the continued use of an internally oriented standing army from the homeland. The colonies were uneconomical to keep. The idea that the parliamentary system in the colony was working is false. To maintain the pax Britannia and parliamentary government in the colonies, Britain had to pay too high a price or to extract too heavy a tax from the people. Britain was eventually bled of its Resources and its Competitiveness. The bleeding of Resources was more than economic. Many people migrated to other countries like the U. S. As time passed, the Love transaction became imbalanced in that the Truth was lost. People rejected the idea that they were predators. Therefore, grace and beauty as seen in Britain were met with hate and war in the colonies. The real behavior of the passive and active opposites caused the collapse of the empire. The same is true of pax Romania centuries ago and pax Americana of this century.

There is a Spirit of all human kind. However, so far in human development, this Spirit has oscillated between the active and passive opposites. Therefore, this Spirit is very weak. Nations continue to war. Much stronger is the Spirits associated with states, nations and families.

A Spirit must pursue the Vital Ways to survive and avoid the opposites. The pursuit of any of the opposite ideas will lead to a weakening of the Spirit.

Human growth in Spirit

Human growth in Spirit has been to recognize the need for survival morals, to modify his Spirit and to fully appreciate the survival ideas. The historic progression has been from Justice, to Mercy, to Truth, to Love, to Understanding. At each stage the future stages were misunderstood and defied the existing rational views. Upon reaching Justice, man thought Grace, Beauty, and Faith (passive opposites) were needed. As human Spirit recognized Mercy and Truth, the quest for Beauty and Faith proved ruinous.

Surviving for longer periods is to approach Godliness. Thus, when Jesus, the herald of Love for western culture, says in the Book of John that he who would know God (long term survival) must come by him (Jesus - Love) is correct. Moses (Justice) might have said the same.

When man had Justice and Mercy in balance, God was Mercy. Now man

has Truth and Love, God is Love. Next man will have Understanding and Hope, God will be Hope. The God concept is all of those and Wisdom, too.

Through human history, people have tended to think of themselves as being unique and an exception to nature's rules. Thus, they create morals and pronounced these morals to have higher meaning. Seeking a new balancing mechanism is better than thinking we have found an exception to nature's rules.

Certainly, human opportunity is to form ever-larger groups with ever-greater influence on his environment. We must form a supernation that has the military power and that allows the nations to Compete without war.

What goes wrong?

The universe as we know it is not one Individual life Spirit. We cannot predict the future indefinitely. Therefore, much expansion is needed along the Vital Way. If the Vital Way is the way, why are there still active and passive opposites in life? Misapplication of the great Ideas causes the active and passive opposites. Misapplication at a higher (more future oriented) level causes the lower (more past oriented) level to have active and passive opposites.

The pursuit of the Vital Way includes balancing the Nurturing and Expanding methods, prohibiting the active opposites and allowing the passive opposites to cease. If this is not done, various types of Resource wasting events occur which results in disintegration. The Spirit either destroys itself or is made prone to destruction through the process of Competition. This is the evil that we sense.

A surviving Spirit must take action to restrain the active and passive opposites. The model shows the causes of the existence of active and passive opposites are found on the next more future level. Ultimately, Wisdom must act to restrain the active and passive opposites and achieve balance.

First Wrong Way

Allowing the continued existence of a passive opposite will result in promoting the passive opposites of the next lower level. For instance, not knowing and not attempting to increase Understanding is Ignorance. Allowing ignorance to continue will foster a need for Illusion. Illusion creates Peace and Grace. Peace and Grace in a society creates Stagnation and Sameness that soon loses a war or disintegrates. Another example is that the quest for Faith fosters lies and Illusion.

Second Wrong Way

A Nurturing imbalance is pursuing a Nurturing method and not the corresponding Expanding method. A Nurturing imbalance will result in promoting both the passive opposites in the next lower level. For example, a Spirit's placing more emphasis on Hope than Understanding will place the Individuals of the Spirit in a situation where they will respond with beauty and illusion rather than Love and Truth. For example, the reaction of citizens of a society placing more

emphasis on Love than Truth in sentencing criminals results in the resignation by the citizens that nothing can be done. Soon crime will pay and, therefore, increase. Therefore, Love without Truth will result in a quest for grace and peace. The Spirit of the state will decay.

The expansion of western civilization often overran societies that were pursuing peace, grace, illusion, beauty, ignorance, and faith.

Third Wrong Way

Pursuing an active opposite will result in promoting the active opposites in the next lower level. For example, the reaction to lack of Understanding (inaccurate forecasting) and obstinately refusing to correct the models is to place great strain on the Individuals of a Spirit. The Individuals then must resort to betrayal in their interaction to other Individuals in the Spirit lest their own Spirit be threatened.

Fourth Wrong Way

An Expanding imbalance is pursuing an Expanding method and not the corresponding Nurturing method. An Expanding imbalance will result in promoting both the active opposites in the next lower level.

Throughout history there have been many who have placed heavy emphasis on the Expanding way of Justice without Mercy, Truth without Love and Understanding without Hope. These often engage not only in war but murder. Standing against such a great conqueror is often destructive. The conqueror ends in self-destruction or by causing another to destroy them (a form of self destruction).

The degree of impact differs among the Wrong Ways

A significant part of Wisdom is to choose the Wrong Way it will tolerate. Making no choice is really choosing the Fourth Wrong Way.

For instance, if a society is suffering unjust, reduced effectiveness of some of its member (murder) in the past level, then the cause and correction can be found on the present level. Love may be misapplied or betrayal not being restrained. If the society fails to act sufficiently to reduce bearing false witness (betrayal), murder results.

If a society finds too often to have illusions rather than Truth, the cause is having too much Hope and not enough Understanding, of having inappropriate faith and allowing ignorance to persist.

There are limits to the Wisdom a Spirit possesses. Therefore, ignorance and faith exists. Therefore, some acceptance of the passive opposites exists. The First Wrong Way must exist. This is felt by a society as the ever-present evil and as a foreboding that Disintegration is near. The goal is to develop a Spirit stronger than other Spirits. A Spirit need only be better not perfect.

The error toward Expanding ways creates a high risk and rapid self-destruction. The error toward Nurturing ways allows others to conquer. The tendency for societies to error toward Nurturing ways at least assures longer survival if there are no immediate wars or Competitive threat.

The Nurture imbalance is worse than allowing only one passive opposite. Striving for a balance is within a Spirit's control. This Second Wrong Way is unnecessary and can be corrected by a Spirit. Nurture imbalance is worse for a Spirit than the First Wrong Way.

Pursuing an active opposite causes more destructive responses within a Spirit than passive opposites. These responses reduce the Spirit's ability to Compete. Therefore, a Competing Spirit need not advance life to conquer. The Competitor need only wait. The Spirit must take action by prohibiting the Third Wrong Way. The Third Wrong Way is worse for a Spirit than the First or Second Wrong Way.

Expanding imbalance is much worse than dealing with only one active opposite. Expanding imbalance is difficult to prohibit by laws. The Spirit will soon disintegrate. A Spirit must exercise care lest another Spirit in Expanding imbalance drags it to disintegration.

The misapplication of Expanding ways has a much more severe result than the misapplication of Nurture ways. The risk is much higher. Therefore, societies have tended to imbalance in favor of the Nurturing ways. This is especially true when the Competing risk (war) appears remote.

The meek shall indeed inherit the earth. The meek are those that pursue the Passive Opposite (Peace, Grace, Illusion, Beauty, Ignorance, and Faith). The meek seek to survive from misapplication, often the imbalance form, of Nurturing ways. The meek shall not have the Great Spirit embodied in the Vital Ways.

Previous attempts to eliminate war have failed. This means the Understanding and Truths of those movements are faulty. Many of these attempts were and are grounded in the Second and Third Wrong Ways. Therefore, they will continue to fail.

Preventing war means the Competition and Change processes must be encouraged to continue in a manner that does not destroy Resources. The Second, Third, and Fourth Wrong Ways must be inhibited. The First Wrong Way will always be with us in ever-smaller degrees. The Second, Third, and Fourth Wrong Ways can be eliminated by organizing our Spirit to allow Competition without war.

5 Discussion and conclusion

Cycles exist in nature. The cycle of plenty to drought has caused many a society to weaken and collapse. Science has allowed such blows to be softened. For example, the invention of fertilizer in the late 18th century allowed the cold cycle in the early 19th century to have a significantly smaller impact. We are in a crisis caused by the federal government deciding the one way to fund

a collective society. It decides the morals for health, welfare, ecology, worker relations, etc. If we were only ignorant of the optimum morals, we would have only the First Wrong Way where we need only be better than our competitors.

However, we are following models that have been proven false. Proven false by the collapse of the USSR. Proven false in that the predictions failed to materialize such as with the bailouts. Even worse, models have proposed that predicted today's economic and internal political reality by Rand, by Milton Friedman⁴, and by others. Neither discusses the military or criminal realities. The federal government is not only ignorant of nature's way as shown by the ever-worsening condition, it is pursuing the active opposite of the Third and Fourth Wrong Ways. The result is our wars, wasted resources, and soon disaster such as happened to the USSR.

We must not be Ignorant of a method to deal with today's problems. Rand's outcome may yet be avoided. Nature has used natural selection. We could leave the decision on all those morals to states, and then allow the states to compete for survival. The federal government must not interfere if some state seems to be failing. The pure objectivist solution leads to the Tragedy of the Commons between states. Some adjudication of state's interests is needed at the federal level. Adjudication does not imply regulation. Federal regulation did seem to work for a few decades after FDR. Then stagnation developed in the '90s (Second Wrong Way) followed by the looming disaster. The difficulty of decentralization is the ability of people to allow other moral systems to succeed while theirs fail - Tragedy of Tolerance.

Choose to survive. Change your morals to be in harmony with nature.

⁴ *Capitalism and freedom*, 1962, *Free to choose*, 1980